



Atty. Dkt. No. 083847-0200

DAW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Crocker et al.

Title: PROCESSES FOR FABRICATING CONDUCTIVE PATTERNS USING
NANOLITHOGRAPHY AS A PATTERNING TOOL

Appl. No.: 10/647,430

Filing Date: August 26, 2003

Examiner: Anya

Art Unit: 2891

Conf. No.: 1717

**REQUEST TO CORRECT INVENTORSHIP UNDER 37 CFR § 1.48(a) INCLUDING
CHANGE IN THE ORDER OF INVENTORS**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Appl. Processing Division, Customer Correction Branch

Sir:

Applicants hereby request that Robert Elghanian be added as a joint inventor. In support thereof, attached are:

(1) A statement of Robert Elghanian stating that the error in inventorship occurred without deceptive intent;

(2) A declaration of inventorship by Robert Elghanian and the previously named
three inventors pursuant to 37 CFR § 1.63;

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130.00 0P

(3) A check in the amount of \$130 as set forth in 37 CFR § 1.17(i) to cover the processing fee; and

- (4) Written consent of the assignee pursuant to 37 CFR § 3.73(b).

In addition, the applicants request that to the extent the rules and PTO procedure allow, the order of inventorship on the issued patent and all other PTO records should be based on the alphabetical order of the last names: Nabil A. Amro, Percy Vandorn Crocker Jr., Linette Demers, and Robert Elghanian. Per MPEP 605.04(f), this request is also being requested under 37 C.F.R. 1.182 filed separately. The applicants also file herewith an updated Application Data Sheet. The applicants appreciate the PTO's cooperation with this request.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date

August 19, 2005

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5351
Facsimile: (202) 672-5399

By

J. Steven Rutt

J. Steven Rutt
Attorney for Applicant
Registration No. 40,153



Atty. Dkt. No. 083847-0200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Percy Van Crocker et al.
Title: PROCESSES FOR FABRICATING CONDUCTIVE PATTERNS USING
NANOLITHOGRAPHY AS A PATTERNING TOOL
Appl. No.: 10/647,430
Filing Date: 08/26/2003

STATEMENT OF ROBERT ELGHANIAN UNDER 37 CFR § 1.48(a)

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

I, Robert Elghanian, hereby certify as follows:

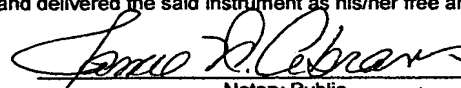
1. I am an original co-inventor of the invention claimed in the above-identified application.
2. The error in not naming me as a co-inventor of the above-identified application occurred without any deceptive intention on my part.

Executed this 26th day of July, 2005 ^{RE}~~2004~~


ROBERT ELGHANIAN

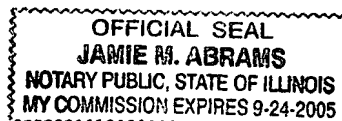
State of Illinois
County of Cook ^{ss.}

On this 26th day of July, 2005, before me, a notary public in and for said county, appeared ROBERT ELGHANIAN, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.


Notary Public

My Commission Expires: 9-24-05

(Seal)





Atty. Dkt. No 083847-0200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Crocker et al.
Title: Processes for Fabricating Conductive
Patterns Using Nanolithography as a
Patterning Tool
Appl. No.: 10/647,430
Filing Date: August 26, 2003
Examiner: Anya
Art Unit: 2891

RULE 182 PETITION TO CHANGE ORDER OF INVENTORS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The applicants petition under Rule 182 to change the order of inventors to reflect an alphabetical order based on last names. See also MPEP 605.04(f). The Rule 17(h) petition fee is included herewith and appropriate charge information is also provided below.

The facts are enumerated below:

On August 26, 2003, the application was filed with an unexecuted declaration, an application data sheet, and a transmittal form each listing in order as inventors: Percy Vandorn Crocker Jr., Linette Demers, and Nabil A. Amro.

On November 24, 2003, the PTO filing receipt was mailed listing Percy Vandorn Crocker Jr., Linette Demers, and Nabil A. Amro as inventors. The Notice to File Missing Parts mailed the same day listed Crocker as the first named inventor.

On March 2, 2004, the executed declaration was filed with the same inventive entity and order of inventors.

The application was prosecuted with no further change in inventorship.

On May 19, 2005, a Notice of Allowance was mailed.

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On August 19, 2005, the issue fee was paid. In addition, a Rule 48 petition was filed to add inventors. An updated Application Data Sheet was also filed reflecting the new order of inventors.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date August 19, 2005

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5483
Facsimile: (202) 672-5399

By 

J. Steven Rutt
Attorney for Applicant
Registration No. 40,153



Atty. Dkt. No. 083847-0200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Percy V. Crocker et al.
Title: PROCESSES FOR FABRICATING CONDUCTIVE PATTERNS USING
NANOLITHOGRAPHY AS A PATTERNING TOOL
Appl. No.: 10/647,430
Filing Date: 08/26/2003

RULE 3.73(b) STATEMENT: ASSIGNEE CONSENT TO INVENTORSHIP CHANGE

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

NanoInk, Inc., 1335 West Randolph Street Chicago, IL 60607, certifies that it is the assignee of the entire right, title and interest and is authorized to take action in the above-identified U.S. application serial number 10/647,430, as verified by a copy of the executed assignment enclosed herewith.

Assignee hereby consents to the addition of Robert Elghanian as a named co-inventor for U.S. application serial number 10/647,430.

The undersigned, whose title is supplied below, is empowered to sign this statement on behalf of the assignee.

August 4, 2005
Date

[Signature]
Signature

Percy V. Crocker, Jr.
Type or printed name

Assoc. Dir. of Business Dev.
Title



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PROCESSES FOR FABRICATING CONDUCTIVE PATTERNS USING NANOLITHOGRAPHY AS A PATTERNING TOOL

(Attorney Docket No. 083847-0200)

the specification of which (check one)

☐ is attached hereto.

☒ was filed on August 26, 2003 as United States Application Number or PCT International Application Number 10/647,430 and was amended on _____ (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of

America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date
60/405,741	08/26/2002
60/419,781	10/21/2002

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number

I HEREBY APPOINT the registered attorneys and agents at Customer Number 22428

22428

PATENT TRADEMARK OFFICE

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

Stephen B. Maebius
FOLEY & LARDNER LLP
Customer Number: 22428
PATENT TRADEMARK OFFICE

Telephone: (202) 672-5569
Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor	Percy Vandorn Crocker, Jr.
Residence	Chicago, IL
Citizenship	US
Post Office Address	1734 North Wells Street Apt. 1 1924 N. Seminary Ave. <i>etc</i> Chicago, IL 60614
Inventor's signature	<i>Percy Vandorn Crocker, Jr.</i>
Date	August 4, 2005
Name of second inventor	Linette Demers
Residence	Evanston, IL
Citizenship	CA
Post Office Address	1735 Washington Street Evanston, IL 60202
Inventor's signature	<i>Linette Demers</i>
Date	August 03, 2005
Name of third inventor	Nabil A. Amro
Residence	Skokie, IL
Citizenship	LB
Post Office Address	10113 Old Orchard Court Apt. 3d 2721 N. Whipple St. Skokie, IL 60076 Chicago, IL 60647 <i>etc</i>
Inventor's signature	<i>Nabil A. Amro</i>
Date	08-04-05
Name of fourth inventor	Robert Elghanian
Residence	Wilmette, Illinois
Citizenship	US
Post Office Address	541 Layergne Ave., Wilmette, Illinois 60091
Inventor's signature	<i>Robert Elghanian</i>
Date	26th Day of July 2005

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

NANOINK, INC.
1335 West Randolph Street
Chicago, IL 60607

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

**PROCESSES FOR FABRICATING CONDUCTIVE PATTERNS USING DPN AS A
PATTERN TOOL**

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith,
 ☐ executed on _____,
 ☒ Serial No. 10/647,430 Filed 8/26/2003

as well as in and to (a) US provisional patent application No. 60/405,741, filed August 26, 2002, US provisional patent application No. 60/419,781, filed October 21, 2002, to both of which the above-identified application claims priority, (b) all improvements and modifications of the above-identified invention or inventions, (c) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (d) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (e) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (f) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.


Executed this 4th day of August, 2005.


PERCY VANDORN CROCKER, JR.

State of IL)
County of COOK)ss.

On this 4th day of AUGUST, 2005, before me, a notary public in and for said county, appeared PERCY VANDORN CROCKER, JR., who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.




Notary Public
My Commission Expires: 08/31/2008


Executed this 3rd day of August, 2005.


LINETTE DEMERS


State of Illinois)
County of COOK)ss.

On this 3rd day of August, 2005, before me, a notary public in and for said county, appeared LINETTE DEMERS, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.




Notary Public
My Commission Expires: 6-12-08

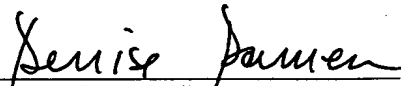
Executed this 4th day of AUGUST, 2005.


NABIL A. AMRO

State of IL)
County of COOK)ss.

On this 4th day of AUGUST, 2005, before me, a notary public in and for said county, appeared NABIL A. AMRO, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.




Notary Public
My Commission Expires: 08/31/2008


Executed this 26th day of July, 2005.


ROBERT ELGHANIAN

State of Illinois)
County of Cook)ss.

On this 26th day of July, 2005, before me, a notary public in and for said county, appeared NABIL A. AMRO, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

(Seal)


Notary Public
My Commission Expires: 9-24-2005

